

Page 30, line 4, replace "8A" with --6A--.

Page 30, line 22, replace "8A" with --6A--.

Page 32, line 20, replace "8B" with --6B--.

Page 33, line 12, replace "8C" with --6C--.

Page 33, line 20, replace "8B" with --6B--.

IN THE CLAIMS

Please amend the claims as follows:

1. (TWICE AMENDED) A data controller of a peripheral device having a storage medium, the data controller comprising:

C1  
BX  
5 a transfer extend generator that generates transfer extend entries for a data transfer between the storage medium and a host computer; and

at least one retrieval channel coupled to receive the transfer [control] extend entries for programming the data transfer.

C2  
BX  
5 2. (AMENDED) A data controller of a peripheral device having a storage medium and a processor, wherein the data controller [that] minimizes interrupts to the processor by processing a plurality of sequential commands received from a host computer.

B3  
4. (TWICE AMENDED) A peripheral device that includes a data controller, a microprocessor, a buffer memory, local memory and a storage medium, and that is couplable to a host, wherein the data controller creates threads of [sequential] a plurality of  
5 commands and generates interrupts at the beginning and end of the plurality of commands relative to a data transfer.

C3  
B4  
9. (AMENDED) The data controller of claim 8, wherein the status retrieval channel monitors a data transfer between a buffer memory in the peripheral device and [a] the storage medium.

11. (AMENDED) The data controller of claim [1] 10, wherein the at least one retrieval channel provides used read pointers to the first storage device for reuse.

CH  
B5  
Cont.  
12. (AMENDED) The data controller of claim 2, further comprising a command queueing engine configured to arrange the plurality of sequential commands into at least one thread.

13. (AMENDED) The data controller of claim 12, wherein the command queueing engine [includes] comprises:

a transfer extend generator configured to generate transfer extend entries for a data transfer between the storage  
5 medium and a host computer; and